Inkbird IBS-P01R, IBS-TH2 Plus

Inkbird IBS-P01R Wireless Pool Thermometer and IBS-TH2 Plus Smart Thermometer User Manual

Model: IBS-P01R, IBS-TH2 Plus

Brand: Inkbird

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Inkbird IBS-P01R Wireless Pool Thermometer and IBS-TH2 Plus Smart Thermometer bundle. Please read this manual thoroughly before using the devices to ensure proper function and longevity.

2. PRODUCT COMPONENTS

The Inkbird bundle includes two primary devices:

- **IBS-P01R Wireless Pool Thermometer:** A floating, waterproof thermometer designed for water temperature measurement, paired with a receiver unit.
- **IBS-TH2 Plus Smart Thermometer:** An indoor temperature and humidity monitor with Bluetooth connectivity and an external temperature probe.

Image: The Inkbird IBS-P01R floating pool thermometer and its accompanying receiver unit, displaying water temperature.

Image: The Inkbird IBS-TH2 Plus smart thermometer, showing its digital display for temperature and humidity.

3. KEY FEATURES

IBS-P01R Wireless Pool Thermometer:

- **Wireless Connection:** Up to 300 feet (91 meters) transmission distance for remote monitoring.
- **IPX7 Waterproof:** Suitable for various water environments.
- **Temperature Range:** -40°C to 70°C (-40°F to 158°F).
- **Multiple Uses:** Ideal for swimming pools, fish ponds, aquariums, baby baths, and spas.

IBS-TH2 Plus Smart Thermometer:

- **Built-in Temperature & Humidity Sensor:** Monitors ambient conditions.
- **External Waterproof Temperature Probe:** For specific temperature measurements.
- **Data Storage:** Stores up to 30,000 data points.
- **Digital LCD Display:** Shows temperature, humidity, Bluetooth signal, and battery level.
- **Bluetooth Connectivity:** Connects to a smartphone for monitoring and data export.

- **Multi-Device Support:** Connects to multiple phones or reads multiple sensors with one phone.

4. TECHNICAL SPECIFICATIONS

IBS-P01R Wireless Pool Thermometer:

- **Waterproof Rating:** IPX7
- **Temperature Measurement Range:** -40°C to 70°C (-40°F to 158°F)
- **Wireless Range:** Up to 300 feet (91 meters)
- **Power Source:** Battery Powered (specific battery type not provided, refer to device compartment)
- **Material:** Plastic

IBS-TH2 Plus Smart Thermometer:

- **Temperature Sensor Range (Built-in):** -40°F to 140°F
- **Humidity Sensor Range (Built-in):** 0%RH to 99%RH
- **External Probe Temperature Range:** -40°C to 125°C (-40°F to 257°F)
- **Data Storage:** Up to 30,000 points
- **Display Type:** Digital LCD
- **Connectivity:** Bluetooth
- **Bluetooth Range:** Approximately 30 meters (98 feet)
- **Power Source:** Battery Powered (specific battery type not provided, refer to device compartment)
- **Material:** Plastic

5. SETUP GUIDE

5.1. IBS-P01R Wireless Pool Thermometer Setup

1. **Install Batteries:** Open the battery compartment of both the floating thermometer and the receiver unit. Insert the required batteries, ensuring correct polarity. Close the compartments securely.
2. **Power On:** Turn on both the floating thermometer and the receiver. They should automatically attempt to pair.
3. **Placement:** Place the floating thermometer in the water body (pool, spa, etc.). Position the receiver unit within the 300-foot wireless range, ensuring no major obstructions for optimal signal.

WIRELESS CONNECTION

THE MAXIMUM CONNECTION DISTANCE IS 300 FEET.
YOU CAN CHECK TEMPERATURE READINGS WITH THE
RECEIVER WITHOUT GOING OUTSIDE THE ROOM.

Image: Diagram illustrating the wireless connection between the IBS-P01R floating sensor and its receiver, highlighting the 300-foot range.

5.2. IBS-TH2 Plus Smart Thermometer Setup

1. **Install Batteries:** Open the battery compartment and insert the required batteries, observing polarity. Close the compartment.
2. **Power On:** The device will power on automatically or via a power button (refer to device for specific button location). The LCD will display current temperature and humidity.
3. **External Probe (Optional):** If using the external temperature probe, plug it into the designated port on the IBS-TH2 Plus.
4. **App Installation:** Download the Inkbird Pro app from your smartphone's app store (iOS or Android).
5. **Bluetooth Pairing:** Open the Inkbird Pro app, enable Bluetooth on your phone, and follow the in-app instructions to add and pair your IBS-TH2 Plus device.

Control From Your Phone
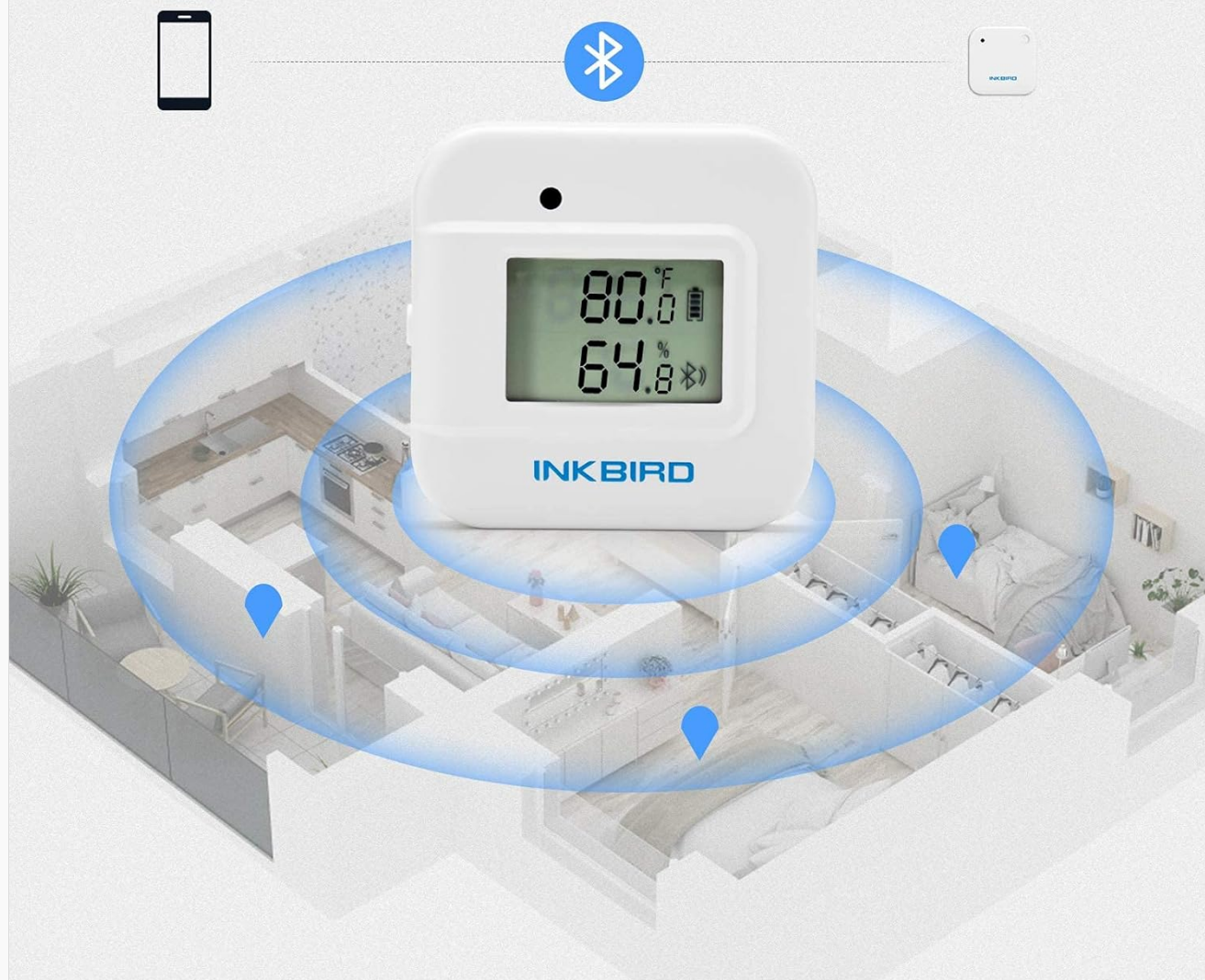
Bluetooth Connection
Range: 30 meters(98ft)

Image: Illustration of the IBS-TH2 Plus connecting to a smartphone via Bluetooth, showing the approximate 30-meter range within a home environment.

6. OPERATING INSTRUCTIONS

6.1. Using the IBS-P01R Pool Thermometer

- **Reading Temperature:** The receiver unit will display the water temperature measured by the floating thermometer.
- **Channel Selection:** If multiple IBS-P01R units are used, the receiver may have a button to cycle through channels (refer to device for specific button).
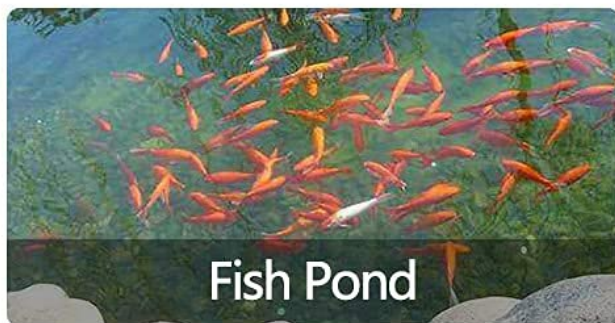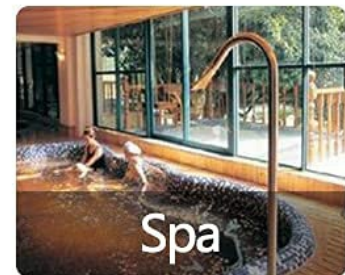
Image: Various applications for the IBS-P01R pool thermometer, including swimming pools, baby baths, hot springs, spas, fish ponds, and aquariums.

6.2. Using the IBS-TH2 Plus Smart Thermometer

- **On-Device Display:** The LCD shows real-time temperature and humidity.
- **App Monitoring:** Open the Inkbird Pro app to view current and historical data, set alerts, and export data.
- **Data Export:** Within the app, navigate to the historical data section and use the export function to save data (e.g., as a CSV file).
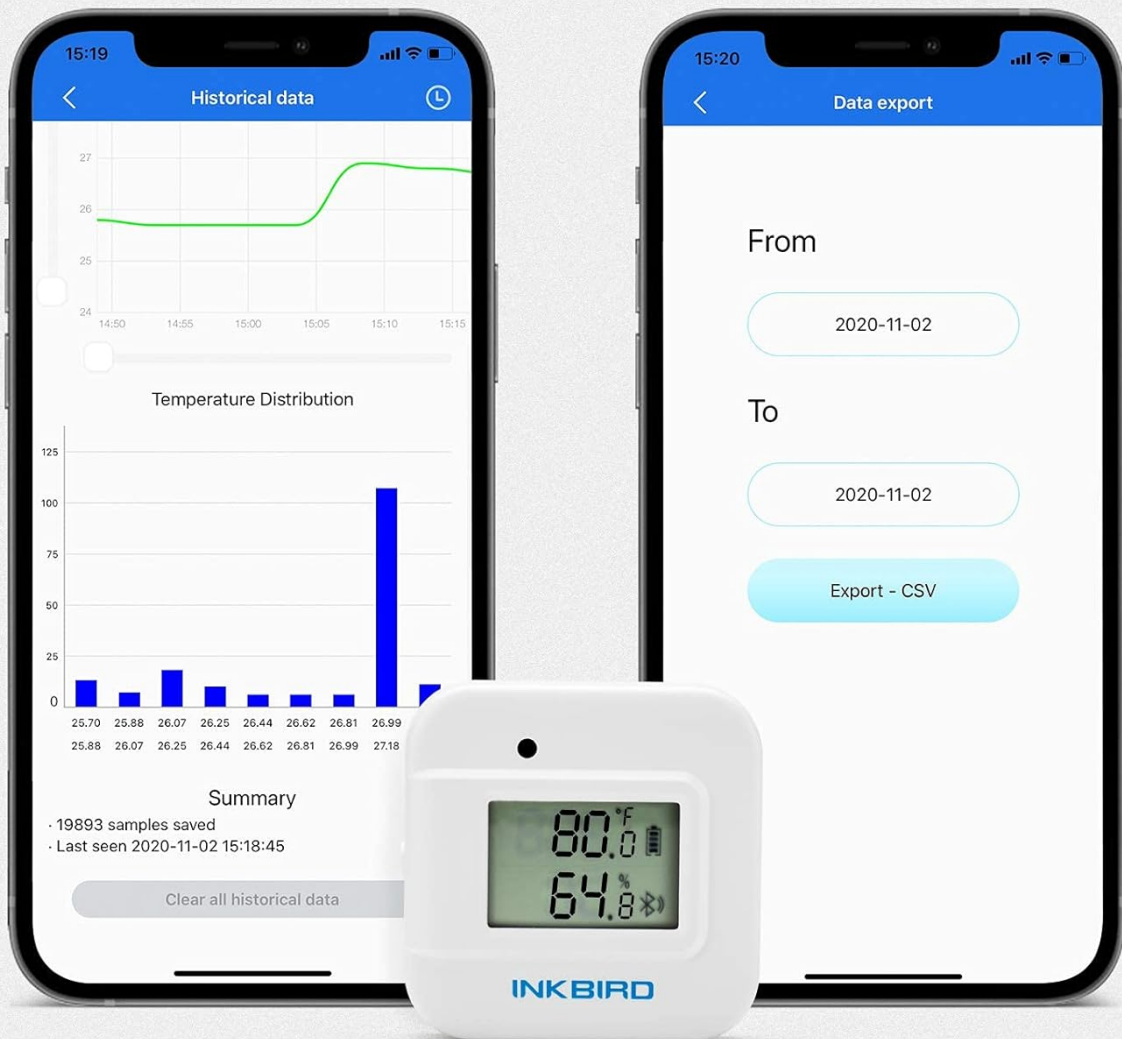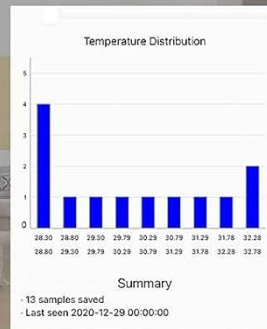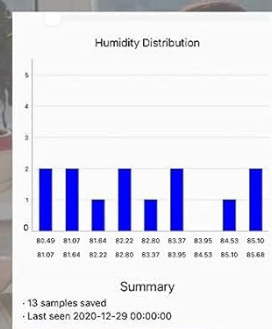
Diagram&Data Export

Image: Screenshots from the Inkbird Pro app demonstrating historical data viewing and the data export feature for the IBS-TH2 Plus.

Real-Time Monitor

Built-in Temperature&Humidity Sensor

Temperature Distribution

Humidity Distribution

Summary
- 13 samples saved
- Last seen 2020-12-29 00:00:00

Summary
- 13 samples saved
- Last seen 2020-12-29 00:00:00

Temperature Measurement
Range: -10℃~60℃/14℉~140℉

Humidity Range: 0%RH-99%RH

External Temperature Probe
Temperature Measurement Range: -40℃~125℃/-40℉~257℉

Image: The IBS-TH2 Plus displaying real-time temperature and humidity, with graphs showing historical data distribution and an example of the external probe in use for a terrarium.

Image: Various applications for the IBS-TH2 Plus, including refrigerators, humidors, offices, greenhouses, warehouses, rooms, cars, and pet enclosures.

7. MAINTENANCE

- **Battery Replacement:** When the battery indicator on the display is low, replace the batteries promptly. Use the specified battery type (refer to the device's battery compartment).
- **Cleaning:** Wipe the devices with a soft, damp cloth. Do not use abrasive cleaners or immerse the IBS-TH2 Plus in water. The IBS-P01R is waterproof but should be cleaned gently.
- **Storage:** Store the devices in a cool, dry place when not in use for extended periods. Remove batteries if storing for several months to prevent leakage.
- **Product Care:** The manufacturer recommends hand washing only for cleaning.

8. TROUBLESHOOTING

- **No Display/Power:** Check battery installation and ensure batteries are fresh.
- **IBS-P01R No Reading on Receiver:** Ensure both units are powered on and within range. Reduce

obstructions between the floating unit and receiver. Replace batteries in both units.

- **IBS-TH2 Plus Not Connecting to App:** Ensure Bluetooth is enabled on your phone. Restart the app and the IBS-TH2 Plus. Make sure the device is within the 30-meter Bluetooth range.

- **Inaccurate Readings:** Ensure sensors are clean and not obstructed. For the IBS-P01R, ensure it is fully submerged in the water. For the IBS-TH2 Plus, ensure it is placed in an area with good air circulation, away from direct heat sources or drafts.

- **Data Not Logging:** Check the device's battery level. Ensure the app is connected periodically to sync data.

9. SAFETY INFORMATION

- Do not attempt to disassemble or modify the devices.

- Keep batteries out of reach of children. Dispose of used batteries according to local regulations.

- Ensure the IBS-P01R is securely floating and does not interfere with pool cleaning systems or other equipment.

- Avoid exposing the IBS-TH2 Plus to extreme temperatures or humidity outside its specified operating range.

10. WARRANTY AND SUPPORT

Inkbird products typically come with a limited warranty. For specific warranty details, product support, or technical assistance, please refer to the warranty card included with your purchase or visit the official Inkbird website. Contact information for customer service is usually available on the product packaging or the official website.
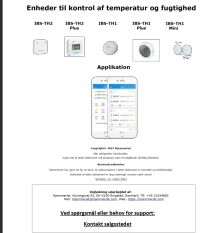
Related Documents - IBS-P01R, IBS-TH2 Plus

INKBIRD SMART HOME	SMART LIFE Inkbird IBS-M1 Wi-Fi Gateway (English)	[Inkbird IBS-M1 Wi-Fi Gateway User Manual](#) User manual for the Inkbird IBS-M1 Wi-Fi Gateway, detailing its features, setup, connectivity with Bluetooth/wireless sensors, and app integration for remote monitoring. Includes warranty information.
尺寸: 560x160mm 类型: 折页	[Inkbird IBS-M1 Wi-Fi Gateway User Manual and Features](#) Learn about the Inkbird IBS-M1 Wi-Fi Gateway, its features, setup instructions, synchronization, and warranty information. Connect your Inkbird Bluetooth and wireless thermometers/hygrometers to Wi-Fi.
INKBIRD Bedienungsanleitung für das drahtlose Poolthermometer mit IBS-M2 Gateway	[INKBIRD IBS-M2 Wireless Pool Thermometer User Manual and App Guide](#) Comprehensive user manual for the INKBIRD IBS-M2 wireless pool thermometer system, including gateway setup, app connection, features, specifications, and safety guidelines. Monitor your pool temperature and humidity remotely.

	INKBIRD IBS-TH2 PLUS Temperature and Humidity Smart Sensor Detailed specifications, features, and app usage guide for the INKBIRD IBS-TH2 PLUS wireless temperature and humidity smart sensor. Monitor your environment with accuracy and convenience using the 'Engbird' mobile app.
	Inkbird IBS-TH Serie: Temperatur- & Fugtighedsdatamålere - Brugervejledning & Specifikationer Omfattende vejledning til Inkbird IBS-TH2, IBS-TH2 Plus, IBS-TH1, IBS-TH1 Plus og IBS-TH1 Mini Bluetooth temperatur- og fugtighedsdatamålere. Inkluderer funktioner, specifikationer, app-brug og bemærkninger.
	INKBIRD Wireless Pool Thermometer with IBS-M2 Wi-Fi Gateway User Manual Comprehensive user manual for the INKBIRD Wireless Pool Thermometer and IBS-M2 Wi-Fi Gateway, detailing product features, specifications, app connection, setup instructions, safeguards, warranty, and FCC compliance.